

ABSTRACT OF THE DISCLOSURE

[000213] The present invention is directed to the *MMSC1* gene, its protein product and the use of the protein to (i) detect mutant MMAC1 proteins, (ii) screen for drugs which can be used for suppressing tumor growth and (iii) identify proteins which interact with the *MMAC1* gene or are involved in the tumor suppression pathway of the *MMAC1* gene.